

## EXECUTIVE SUMMARY

As required by Section 2674 of Title 10, United States Code, the attached status report to the Congress on the renovation of the Pentagon is presented annually. This is the tenth report. This Report is a synopsis of where we are in the overall program, the work that has been completed during the past fiscal year and the work that is anticipated to be completed during the next fiscal year. In addition, this Report reviews the design and construction costs to date within the framework of the overall certified summary. The report reviews four categories as follows:

### I. PROGRAM OVERVIEW

Since its completion in 1943, the Pentagon has been the headquarters for the U.S. Department of Defense (then known as the War Department), including the Army, Navy, and Air Force, all under a single roof.

During the course of the past 57 years, with the rapid advance of technology and military science, these organizations have undergone vast changes. The Pentagon itself has not. Since 1943, the building has never undergone a major renovation and, as a result, it is unable to meet the daily demands placed on it by its current tenants. All of the building's major utility systems need to be replaced, a process which is complicated by the presence of asbestos and other hazardous materials, and the need to work around fully occupied space - 25,000 people who cannot afford interruption in their daily operations.

In addition to renovation activities, an impetus has been placed on the need for security improvements as a direct result of the ever growing threat of terrorism. The Renovation Program has been tasked with ancillary projects outside of its original scope of work, such as the Remote Delivery Facility and the Metro Entrance Facility. This requires us to distinguish between renovation projects, that fall within the \$1.222 billion budget limitation set by Congress, and "non-Renovation" projects which fall outside the defined scope of the Congressional limitation.

As the Program shifts in focus, so does its schedule. Changes to the schedule are made routinely as each individual project brings new challenges and the Program invents new ways to overcome them.

Recent changes to the budget and schedule have led the Program to adopt a "Back-to-Basics" approach that will allow us to complete renovation activities "*On Cost, On Schedule, and Built for the Next 50 Years.*"

All of the Renovation Program's projects follow a similar renovation sequence:

- The move-out of the tenants in the area to be renovated to swing space areas in and around the Pentagon is the first phase of the renovation sequence.
- Temporary mechanical, electrical, plumbing, and communications installation (TempMEP/Comm). This phase also includes the construction of barrier walls to separate tenants from construction activity.
- Demolition and abatement of subcomponents of the existing structure, utilities, and all hazardous materials (Demo & Abate).
- The core and shell build-out of common elements such as the infrastructure and mechanical, electrical and plumbing systems.
- Tenant fit-out involves building the space to meet the intended tenants' requirements.
- Information telecommunications (IT) installation.
- Furniture, fixtures, and equipment (FF&E) installation.
- The Security process is included throughout construction and its accreditation is essential to acceptance of the completed space.
- The Commissioning process helps to define tenant requirements and ensure that they are met.
- The move-in of tenants to renovated office space in the Pentagon.



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Beginning in FY 2000, both commissioning and acquisition and installation of post renovation furniture is to be programmed and budgeted as a non-renovation expense, within the Facilities Operations Program as reflected in the Congressional Budget Justification package.

### II. PROJECT PROGRESS

Each project under construction in 1999 is broken down into the renovation sequence described in the Program Overview section. The left column of each page in the Projects in Progress section provides a thumbnail “snapshot” that will immediately update you on the current status of each of the Renovation’s projects. Significant progress has been made in Phases 2 and 3 of the Renovation Program’s 7-phase plan. The Basement Segment 1 areas, including the DiLorenzo TRICARE Clinic are nearing completion. Segments 2 and 3 of the basement and mezzanine areas will not be renovated past demolition and abatement under the new “Back-to-Basics” approach. Progress in Wedge 1 has made significant strides and is now in the tenant fit-out stage. The first South Terrace Bridge and the Loading Dock are complete and the second bridge is now under construction. Wedges 2 through 5 are in the planning phases. The Remote Delivery Facility (RDF) and the Metro Entrance Facility (MEF) are ancillary projects implemented to increase security. Construction on the RDF is progressing as scheduled with the first part of the move-in phase to occur in Fall 2000. The MEF is in the planning phase with the contract award anticipated by late July 2000.

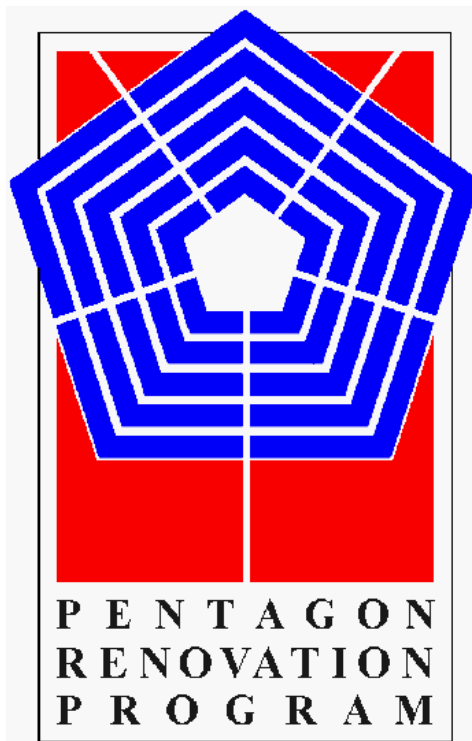
### III. PROCESS IMPROVEMENTS

The Renovation Program is constantly evolving, developing new and better ways of doing business. This section highlights our efforts in the areas of security, acquisition, construction, commissioning, the move process and the implementation of flexible systems furniture, and program management. Security improvements include the installation of blast-resistant windows in Wedge 1 and the construction of the RDF and MEF. The Renovation Program’s acquisition process reflects the way the construction industry does business and is building the Renovation’s reputation as an innovative program. This is complemented by the structure of Integrated Product Teams which stretch across every aspect of the renovation.

### IV. APPENDIX

The appendices include a glossary of terms used throughout this report for easy reference and additional background information about the history of the Pentagon Renovation Program and the need for renovation. A description of projects completed prior to the scope of this report can also be found here. As required by the Fiscal Year 2000 Authorization Bill, Section 2881, a description of the use of the Navy Annex property is included here as well.

The Renovation Program has been repeatedly recognized in the past year for the importance of its work and innovative practices. The appendices include a sample of the media recognition the program has received, including articles in *USA Today* and *Engineering News Record*. Finally, important contact information is provided for those interested in learning more about the Pentagon Renovation Program and how to obtain a tour of Renovation projects.



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BUILT FOR THE NEXT 50 YEARS**